

```

For each i          /* rows */
  for each j        /* columns */
    for each u      /* u = 0, 1, ..., k */
      
$$MM_u(i,j) = M_u(i,j) + \sum_{x,y} w_u(x,y) e_u(i-x, j-y)$$

    endfor (u)
    
$$ExOut(i,j) = \operatorname{argmin}_{c \in C} \left( \sum_u v_u |MM_u(k,.) - c_u|^p \right)^{1/p}$$

    /*  $c_u$  is the (u+1)-th coordinate of  $c$  */
    
$$(e_0(i,j), \dots, e_k(i,j)) = (MM_0(i,j), MM_1(i,j), \dots, MM_k(i,j)) - ExOut(i,j)$$

  endfor (j)
endfor (i)

Set embedded source image  $M_0'$  as the first
coordinates of ExOut.

```

FIG.1A

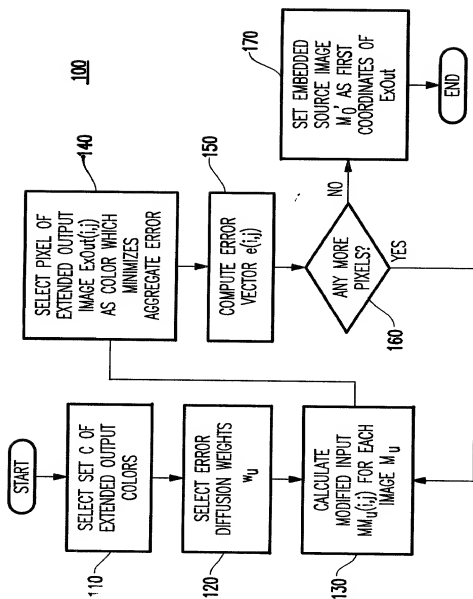


FIG.1B

00847310.071601



FIG.2A

0947310-071601

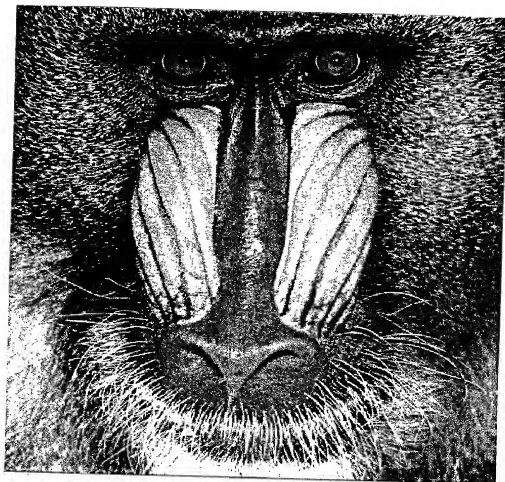


FIG.2B

0907310.071601



FIG.2C

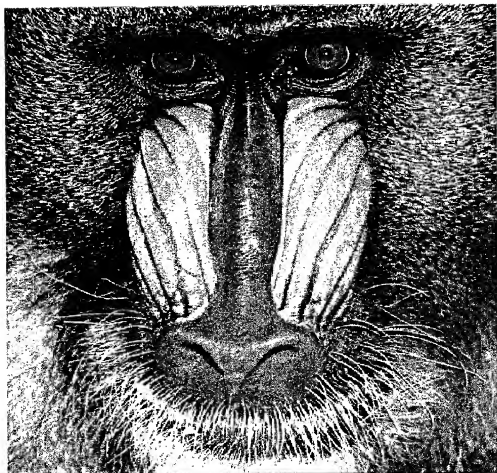


FIG.2D

09847310.071501

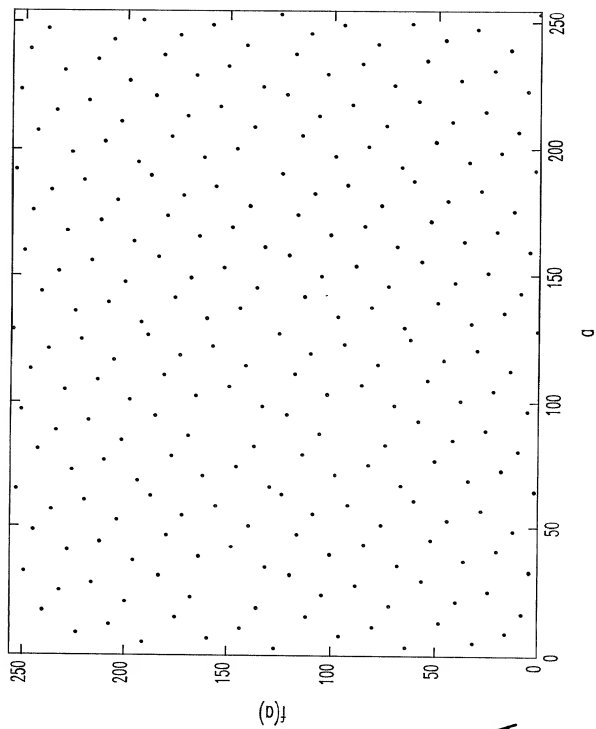


FIG.3A

105120-01241860

109120.07241860

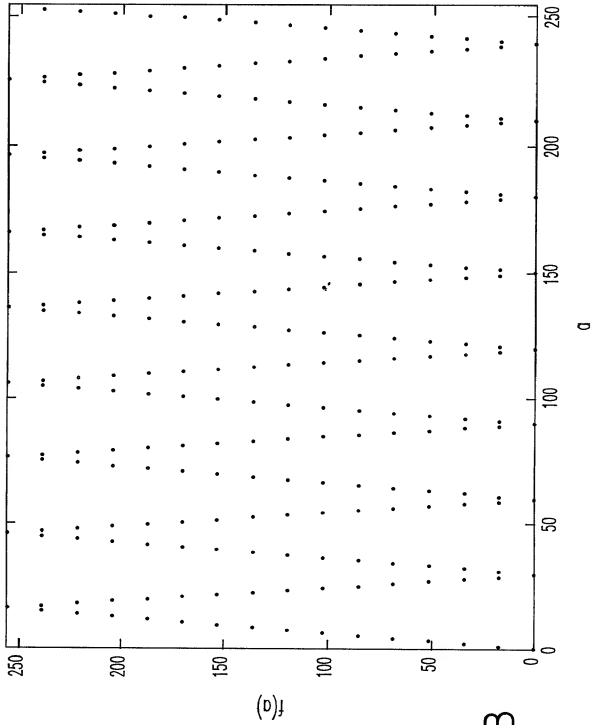


FIG.3B

00947310-071501



FIG.4A

09917310-071501

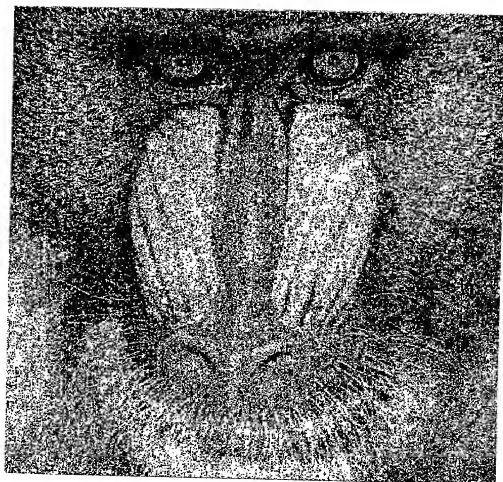


FIG.4B

```

For each iteration                                /* iteration */
  for each i                                      /* rows */
    for each j                                    /* column */
      for each member d of C /* search through
5      all possible members
      of C */

      set ExOut(i,j) = d
      compute
      
$$v(d) = |L(ExOut_0 - M_0)|^2 + |L(PExOut_1 - M_0)|^2$$

10      endfor (d)
      set ExOut(i,j) =  $\underset{d}{\operatorname{argmin}} v(d)$ 
      endfor (j)
    endfor (i)
  endfor (iteration) or until ExOut has not changed
15 between two consecutive iterations.

Set embedded source image  $M_0'$  as the first
coordintes of ExOut.

```

FIG.5A

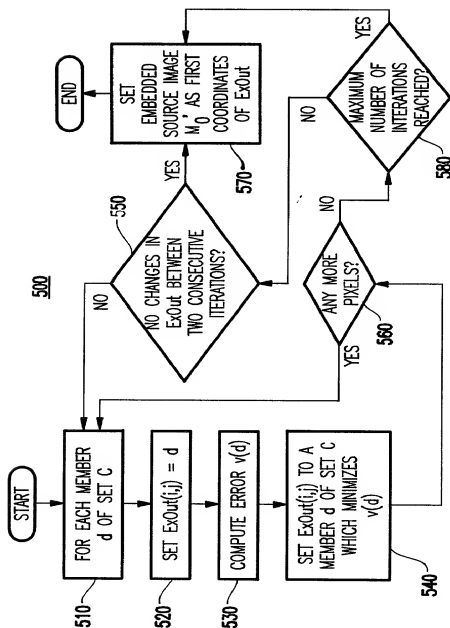


FIG.5B

09847210, 071601



FIG.6A



FIG.6B

09847240.071501

09847340.071601

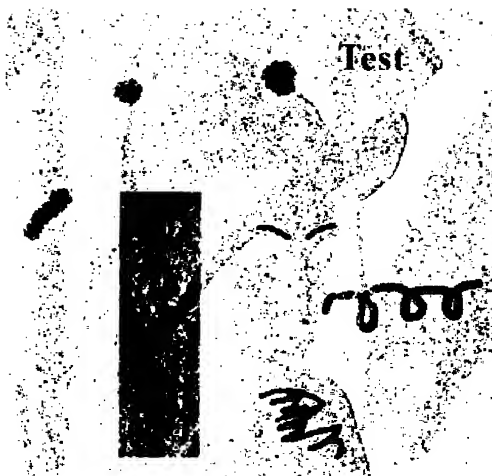


FIG.6C

09817310-071501



FIG.6D



FIG.6E

09017310.071601

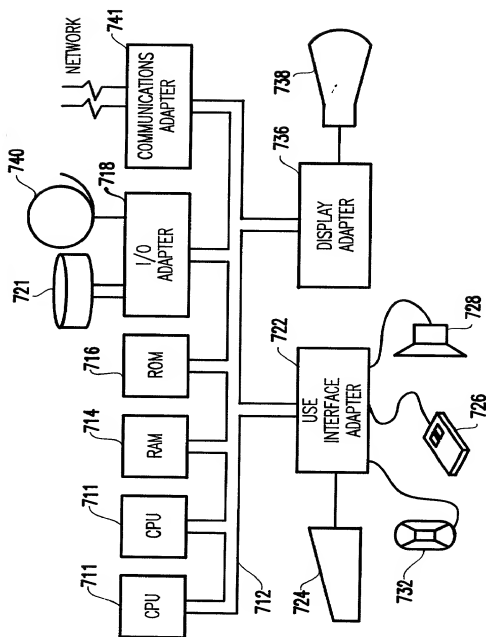


FIG. 7

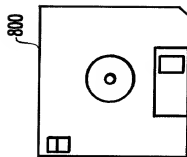


FIG. 8